

ABSTRACT

A method and a system of measuring an object in a two-dimensional digital image are provided. The object is moved to cover the portion that is outside a viewing window, and
5 a first image of the object, which is captured before the object is moved, and a second image of the object, which is captured after the object is moved are used in measuring. Displacement of the image is detected by comparing the position of one reference point of the object in the first
10 image and the position of the same reference point of the object in the second image. And the geometrical data of the object is calculated with the displacement data. The second image is overlapped with the first image by finding the position at which sum of the luminosity value of the first
15 image and the reversed luminosity value of the second image is minimized.